

Author Index to Volume 48, 2006

- | | | | |
|----------------------------|---|---------------------------|---|
| Aaltonen, J. | no. 6, pp. 599, 603 | Chetverikov, V.V. | no. 1, p. 85 |
| Abkhalimov, E.V. | no. 2, p. 125 | Chibisov, E.V. | no. 5, p. 493 |
| Abrosimov, V.K. | no. 3, p. 244 | Choppin, G.R. | no. 3, p. 267 |
| Adkina, O.P. | no. 6, p. 576 | Danilov, N.A. | no. 2, p. 181; no. 5, p. 467 |
| Afonichkin, V.K. | no. 2, p. 141 | Davydov, D.Yu. | no. 4, pp. 358, 365 |
| Afonin, M.A. | no. 5, p. 462 | Davydov, Yu.P. | no. 4, pp. 358, 365 |
| Ahmad, M.I. | no. 4, p. 392 | Demarin, V.T. | no. 6, p. 561 |
| Akhmadeeva, G.Kh. | no. 5, pp. 447, 452, 456 | Demin, S.V. | no. 2, p. 170 |
| Alekseev, I.E. | no. 5, pp. 497, 501 | Dmitriev, S.N. | no. 2, pp. 186, 191, 195 |
| Alfeeva, L.Yu. | no. 3, pp. 288, 296 | Domkin, V.D. | no. 2, p. 198 |
| Aliev, R.A. | no. 6, pp. 613, 620 | Dushin, R.B. | no. 2, p. 148 |
| Aly, H.F. | no. 4, pp. 392, 419 | Efremova, T.I. | no. 4, p. 374 |
| Alyab'ev, A.S. | no. 5, pp. 447, 452, 456 | Epimakhov, V.N. | no. 1, p. 85 |
| Alyapyshev, M.Yu. | no. 4, p. 369 | Ermolaev, V.M. | no. 3, p. 301 |
| Anan'ev, A.V. | no. 1, pp. 31, 36; no. 2, pp. 105, 119, 125, 133 | Ershov, B.G. | no. 2, p. 125; no. 4, pp. 384, 426 |
| Andreeva, L.A. | no. 3, pp. 288, 296 | Ershova, A.V. | no. 6, p. 568 |
| Anokhin, A.Yu. | no. 6, p. 613 | Ervanne, H. | no. 6, p. 603 |
| Antipin, M.Yu. | no. 1, p. 6 | Fedorov, Yu.S. | no. 3, p. 267 |
| Artem'eva, K.A. | no. 5, p. 488 | Fedorova, O.S. | no. 5, p. 509 |
| Asabina, E.A. | no. 3, p. 227 | Fedoseev, A.M. | no. 1, p. 75; no. 3, p. 249; no. 6, p. 572 |
| Atamas', L.I. | no. 5, p. 472 | Firsin, N.G. | no. 4, p. 352 |
| Babain, V.A. | no. 4, p. 369 | Fomichev, A.A. | no. 5, p. 462 |
| Badun, G.A. | no. 5, p. 520 | Fujiwara, Ai. | no. 5, p. 477 |
| Baranov, D.V. | no. 1, p. 11 | Gainetdinova, S.G. | no. 5, pp. 447, 452 |
| Barbanel', Yu.A. | no. 2, p. 148 | Garnov, A.Yu. | no. 1, pp. 31, 36 |
| Belokon', Yu.N. | no. 5, p. 509 | Generalova, V.A. | no. 1, p. 99 |
| Belov, A.G. | no. 2, p. 186 | Gogolev, A.V. | no. 1, pp. 31, 36; no. 3, p. 249 |
| Berdonosov, S.S. | no. 5, p. 505 | Gogoleva, T.D. | no. 2, p. 198; no. 4, p. 398 |
| Bessonov, A.A. | no. 2, p. 136 | Golubev, A.V. | no. 1, p. 15 |
| Bil'ko, V.V. | no. 5, p. 522 | Goncharuk, L.V. | no. 5, pp. 482, 486 |
| Bobrov, V.A. | no. 6, p. 620 | Gorshkov, N.G. | no. 4, p. 352 |
| Bogdanov, R.V. | no. 2, p. 204; no. 3, p. 307; no. 4, p. 409 | Grigor'ev, M.S. | no. 1, p. 6; no. 2, pp. 119, 136 |
| Bogdanovich, N.G. | no. 1, p. 81 | Grigor'eva, M.G. | no. 2, p. 198; no. 4, p. 398 |
| Bogolepov, A.A. | no. 6, p. 584 | Gromova, E.A. | no. 6, pp. 599, 603 |
| Boldyrev, V.A. | no. 1, p. 75 | Gur'eva, T.A. | no. 1, p. 11; no. 3, p. 240; no. 4, p. 344; no. 5, p. 437 |
| Boltoeva, M.Yu. | no. 2, p. 119 | Gustov, V.V. | no. 5, p. 505 |
| Bondar', Yu.I. | no. 1, pp. 90, 94 | Gustova, M.V. | no. 2, pp. 186, 191 |
| Bondarenko, N.A. | no. 2, p. 175 | Helal, A.A. | no. 4, pp. 392, 419 |
| Buchikhin, E.P. | no. 5, p. 459 | Helariutta, K. | no. 6, pp. 599, 603 |
| Bulanov, E.N. | no. 4, p. 340 | Imam, D.M. | no. 4, p. 419 |
| Bulyanitsa, L.S.† | no. 2, p. 198 | Isakova, O.V. | no. 1, p. 75 |
| Bykhovskii, D.N. | no. 5, p. 429 | Ivanov, E.V. | no. 3, p. 244 |
| Bykov, D.M. | no. 3, p. 234; no. 4, p. 330 | Izosimov, I.N. | no. 4, p. 352 |
| Charushnikova, I.A. | no. 1, p. 1; no. 3, p. 223 | Jakovlev, V.A. | no. 6, pp. 599, 603 |
| Chernorukov, N.G. | no. 1, pp. 11, 15, 18; no. 2, pp. 155, 159, 162; no. 3, p. 240; no. 4, pp. 340, 344; no. 5, pp. 434, 437; no. 6, p. 568 | Junttila, M. | no. 6, p. 632 |

- Kahlenberg, V.** no. 3, pp. 213, 217
Kalinin, V.N. no. 1, p. 94
Kalmykov, S.N. no. 3, p. 301; no. 5, p. 488; no. 6, pp. 613, 620
Kamenskaya, A.N. no. 6, p. 535
Kamiya, M. no. 1, p. 55
Kanygin, V.V. no. 1, p. 53
Karandashev, V.K. no. 1, p. 47; no. 2, p. 175; no. 4, p. 379
Kataeva, G.V. no. 5, p. 509
Kavsarova, I.F. no. 5, p. 456
Kazakov, V.P. no. 3, p. 254; no. 5, pp. 447, 452, 456
Kazantsev, G.N. no. 6, p. 561
Keskinov, V.A. no. 3, pp. 272, 279
Kevdina, I.B. no. 5, p. 505
Khalifa, S.M. no. 4, pp. 392, 419
Khamidullina, L.A. no. 3, p. 254
Khomyakova, V.O. no. 1, p. 18
Khrustova, L.G. no. 2, p. 141
Kirshin, M.Yu. no. 1, p. 41
Kiselev, S.V. no. 3, p. 261; no. 5, p. 441
Kitaev, D.B. no. 3, p. 227
Klimova, P.A. no. 3, p. 288
Knyazev, A.V. no. 1, pp. 11, 18; no. 3, p. 240; no. 4, pp. 340, 344; no. 5, pp. 434, 437; no. 6, p. 568
Kokina, S.A. no. 1, p. 41
Kolin, V.V. no. 2, p. 148
Kol'tsova, T.I. no. 5, p. 429
Koltunov, G.V. no. 4, p. 348
Koltunov, V.S. no. 4, p. 348
Kolychev, S.V. no. 4, p. 352
Koma, I. no. 1, p. 55
Komarov, V.E. no. 2, p. 141
Komarovskaya, A.S. no. 1, p. 94
Konovalov, E.E. no. 1, p. 81
Konovalova, N.A. no. 6, p. 535
Kopyrin, A.A. no. 5, p. 462
Kornilovich, B.Yu. no. 6, p. 584
Korolev, V.A. no. 1, p. 41
Korpusov, G.V. no. 2, p. 181; no. 5, p. 467
Kosareva, I.M. no. 1, p. 75
Kostiainen, E. no. 6, p. 626
Kostikova, G.V. no. 2, p. 181; no. 5, p. 467
Kosyakov, V.N. no. 6, p. 589
Kotlin, V.P. no. 2, p. 148
Koyama, T. no. 1, p. 55
Krasikova, R.N. no. 5, p. 509
Krasnov, V.A. no. 5, p. 522
Krivitskii, A.G. no. 3, p. 307
Krivovichev, S.V. no. 3, pp. 213, 217; no. 6, p. 552
Krot, N.N. no. 1, pp. 1, 6; no. 2, p. 136; no. 3, p. 223
Krylov, Yu.S. no. 2, p. 181; no. 5, p. 467
Kulyako, Yu.M. no. 1, pp. 62, 69; no. 3, p. 284; no. 5, p. 477
Kulyukhin, S.A. no. 6, p. 535
Kuz'mina, M.A. no. 5, p. 429
Kuznetsov, A.Yu. no. 5, p. 459
Kuznetsov, D.G. no. 4, p. 426
Kuznetsov, R.A. no. 2, p. 204
Kuznetsova, O.F. no. 5, p. 509
Kvasnitskii, I.B. no. 1, p. 55
Lagunen, A.S. no. 5, p. 522
Lastov, A.I. no. 1, p. 81
Lazarev, V.V. no. 5, p. 497, 501
Lehto, J. no. 6, p. 597
Lishchuk, V.V. no. 3, pp. 272, 279
Lisitsyn, A.P. no. 6, p. 620
Listopadov, A.A. no. 1, p. 41
Litvina, M.N. no. 3, p. 284
Lizin, A.A. no. 3, p. 234
Loginova, E.E. no. 6, p. 561
Logunov, M.V. no. 1, p. 55
Loshkarev, V.N. no. 3, p. 227
Lotnik, S.V. no. 3, p. 254
Lukinykh, A.N. no. 3, p. 234
Lunden, A. no. 6, p. 603
Maierov, V.G. no. 6, p. 576
Makkonen-Craig, S. no. 6, p. 603
Malikov, D.A. no. 1, pp. 62, 69; no. 3, p. 284
Malkin, A.V. no. 3, p. 288
Maryutina, T.A. no. 3, p. 284
Mashirov, L.G. no. 2, p. 148; no. 3, p. 267
Maslov, O.D. no. 2, pp. 186, 191, 195
Mazunina, G.B. no. 6, p. 576
Mel'gunov, M.S. no. 6, p. 620
Melikhov, I.V. no. 5, p. 505
Metwally, E. no. 4, p. 387
Mikhailina, E.V. no. 5, p. 520
Mikheev, N.B. no. 6, p. 535
Minaev, A.A. no. 4, p. 426
Mironenko, M.V. no. 1, pp. 62, 69; no. 3, p. 301
Mishin, E.N.[†] no. 3, p. 267
Mishkevich, V.I. no. 1, p. 75
Mokrov, Yu.G. no. 3, p. 315
Molochnikova, N.P. no. 6, p. 580
Molokanova, L.G. no. 2, p. 191
Morgalyuk, V.P. no. 1, p. 55; no. 6, p. 580
Mosevich, I.K. no. 5, p. 509
Myasoedov, B.F. no. 1, pp. 55, 62, 69; no. 3, pp. 213, 217, 284; no. 4, p. 384; no. 5, pp. 472, 477; no. 6, p. 552
Myasoedov, N.F. no. 3, pp. 288, 296; no. 5, pp. 515, 517
Myasoedova, G.V. no. 6, p. 580
Myshkovskii, M.P. no. 1, p. 81
Nagaev, I.Yu. no. 3, pp. 288, 296
Nagaitsev, V.G. no. 4, pp. 321, 326

- Naryshkin, A.G. no. 1, p. 53
 Nekhoroshkov, S.N. no. 2, p. 148
 Nerozin, N.A. no. 1, p. 53
 Nikitina, G.P. no. 1, p. 41
 Nikitina, S.A. no. 2, p. 198; no. 4, p. 398
 Nikolaev, A.I. no. 6, p. 576
 Nikonov, B.S. no. 4, p. 330
 Nipruk, O.V. no. 1, p. 18; no. 2, pp. 155, 162
 Noskova, L.M. no. 6, p. 593
 Novigatskii, A.N. no. 6, p. 620
- Onoshko, M.P. no. 1, p. 99
 Orlova, A.I. no. 3, p. 234; no. 4, p. 330; no. 6, p. 561
 Orlova, M.P. no. 4, p. 330; no. 6, p. 561
 Orlova, V.A. no. 4, p. 330
 Osina, I.O. no. 5, pp. 447, 452, 456
 Ostakhov, S.S. no. 5, pp. 447, 452, 456
- Palenik, Yu.V. no. 3, p. 267
 Panteleev, Yu.A. no. 2, p. 198; no. 4, p. 398
 Pastushchak, V.G. no. 4, p. 348
 Pazukhin, E.M. no. 5, p. 522
 Pen'kin, M.V. no. 2, p. 198
 Peretrukhin, V.F. no. 6, p. 572
 Perevalov, S.A. no. 5, p. 477
 Perhola, O. no. 6, p. 603
 Pet'kov, V.I. no. 3, p. 227
 Pevtsova, E.V. no. 2, p. 198
 Pichuzhkina, E.M. no. 4, pp. 321, 326
 Polekhovskii, Yu.S. no. 3, p. 307
 Polyakova, I.N. no. 1, p. 1; no. 3, p. 223
 Ponomarev, S.S. no. 3, p. 240; no. 4, p. 344; no. 5, pp. 434, 437
 Pribylova, G.A. no. 5, p. 472
 Pshinko, G.N. no. 6, p. 584
 Puhakainen, M. no. 6, p. 626
 Pyartman, A.K. no. 3, pp. 272, 279
- Radchenko, V.M. no. 4, pp. 321, 326
 Rahola, T. no. 6, p. 626
 Rance, P.J.W. no. 1, p. 41
 Rodionov, A.A. no. 3, p. 227
 Rodygina, N.I. no. 3, p. 249
 Rovnyi, S.I. no. 5, pp. 482, 486
 Rumer, I.A. no. 6, p. 535
 Ryabchikov, A.I. no. 5, p. 493
 Ryabinin, M.A. no. 4, pp. 321, 326
- Sabel'nikov, A.V. no. 2, pp. 186, 191, 195
 Sabodina, M.N. no. 5, p. 488
 Safronova, Z.V. no. 1, p. 47; no. 4, p. 379
 Sal'nikova, E.V. no. 2, p. 181; no. 5, p. 467
 Salminen, S. no. 6, p. 603
 Salonen, L. no. 6, p. 606
 Samoilov, S.G. no. 6, p. 561
- Sapozhnikov, Yu.A. no. 5, p. 488; no. 6, p. 613
 Savenko, A.V. no. 2, p. 167
 Savushkina, M.K. no. 1, p. 75
 Saxen, R. no. 6, p. 626
 Sazhina, Yu.S. no. 5, p. 434; no. 6, p. 568
 Sazonov, A.A. no. 1, p. 11
 Selivanov, S.S. no. 4, p. 409
 Seliverstov, A.F. no. 4, p. 384
 Shadrin, A.Yu. no. 1, p. 55; no. 4, p. 369
 Shantarovich, V.P. no. 5, p. 505
 Shapovalov, V.V. no. 1, p. 53
 Sharygin, L.M. no. 2, p. 119
 Shatalov, V.V. no. 5, p. 459
 Shatik, S.V. no. 5, p. 509
 Shchukin, V.S. no. 1, p. 41
 Sheiman, M.S. no. 3, p. 240; no. 4, p. 344; no. 5, pp. 434, 437
- Shevchenko, K.V. no. 3, pp. 288, 296
 Shevchenko, V.P. no. 3, pp. 288, 296
 Shevchenko, V.P. no. 6, p. 620
 Shilov, V.P. no. 1, pp. 24, 31, 36; no. 2, pp. 105, 119, 125, 133; no. 3, p. 249
- Schmidt, O.V. no. 3, p. 267
 Shuktomova, I.I. no. 6, p. 593
 Sidorov, G.V. no. 5, pp. 515, 517
 Simakin, S.G. no. 6, p. 613
 Skomorokhova, S.N. no. 1, p. 81
 Smetanin, E.Ya. no. 1, p. 53
 Smirnov, I.V. no. 1, p. 55; no. 4, pp. 369, 374
 Smirnov, V.V. no. 4, p. 352
 Sokhina, L.P.[†] no. 5, pp. 482, 486
 Solatie, D. no. 6, p. 632
 Solodovnikov, E.S. no. 5, p. 493
 Solov'eva, E.M. no. 6, p. 561
 Spiridonova, I.A. no. 3, p. 272
 Starovoitov, N.P. no. 1, p. 55
 Stefanovskaya, O.I. no. 4, p. 330
 Stefanovskii, S.V. no. 4, p. 330; no. 6, p. 561
 Stepanov, A.V.[†] no. 2, p. 198
 Stepanov, D.A. no. 2, p. 198
 Suglov, D.N. no. 3, p. 267
 Sukhov, N.L. no. 2, p. 125
 Suleimanov, E.V. no. 1, p. 15; no. 2, pp. 155, 159, 162
- Tadros, N. no. 4, p. 387
 Tananaev, I.G. no. 1, p. 55; no. 3, pp. 213, 217; no. 4, p. 384; no. 5, p. 472; no. 6, pp. 552, 580
- Tikhonov, G.V. no. 2, p. 152; no. 3, p. 261; no. 5, p. 441
 Timofeev, S.A. no. 4, p. 409
 Titov, A.S. no. 4, p. 365
 Tochiyama, O. no. 5, p. 477
 Tomilin, S.V. no. 3, p. 234; no. 4, pp. 321, 326

- Travkina, A.V.** no. 6, p. 620
Trifanova, E.M. no. 1, p. 81
Trifonova, S.V. no. 4, p. 384
Tsarenko, N.A. no. 2, p. 170
Tsarev, D.A. no. 6, p. 613
Tsivadze, A.Yu. no. 2, p. 170; no. 5, p. 472
Tuovinen, H. no. 6, p. 603
Turanov, A.N. no. 1, p. 47; no. 2, p. 175; no. 4, p. 379
Tyasto, Z.A. no. 5, p. 520
Tyutyunnikov, D.L. no. 1, p. 81
- Varlachev, V.A.** no. 5, p. 493
Veleshko, A.N. no. 6, p. 589
Veleshko, I.E. no. 6, p. 589
Veridusova, V.V. no. 2, pp. 155, 159, 162
Vesterbacka, P. no. 6, p. 632
Vidanov, V.L. no. 5, p. 459
- Vilkova, O.M.** no. 2, p. 170; no. 5, p. 472
Vinogradova, N.V. no. 3, p. 307
Vladimirova, M.V. no. 4, p. 403
Vlasova, I.E. no. 3, p. 301; no. 6, p. 613
Voronik, N.I. no. 4, p. 365
Voroshilov, Yu.A. no. 1, p. 55
- Yakovenko, A.G.** no. 4, p. 326
Yakshin, V.V. no. 2, p. 170; no. 5, p. 472
Yarkevich, A.N. no. 1, p. 47; no. 4, p. 379
Yusov, A.B. no. 1, pp. 24, 75; no. 6, p. 572
- Zabrodskii, V.N.** no. 1, pp. 90, 94
Zakharova, E.V. no. 3, pp. 249, 301; no. 5, p. 488
Zemskova, L.M. no. 4, p. 358
Zhilov, V.I. no. 2, p. 170
Zhizhin, M.G. no. 4, p. 340; no. 6, p. 568
Zilberman, B.Ya. no. 3, p. 267
Znamenskaya, I.V. no. 5, p. 505

Contents of Volume 48, 2006

Vol. 48, No. 1, 2006

Synthesis and Crystal Structure of a New Np(V) Oxalate, $\text{Na}_4(\text{NpO}_2)_2(\text{C}_2\text{O}_4)_3 \cdot 6\text{H}_2\text{O}$ <i>I. A. Charushnikova, N. N. Krot, and I. N. Polyakova</i>	1
Crystal Structure of a Double Np(V) Ammonium Propionate, $\text{NH}_4[(\text{NpO}_2)_3(\text{C}_2\text{H}_5\text{COO})_4(\text{H}_2\text{O})] \cdot 3\text{H}_2\text{O}$ <i>M. S. Grigor'ev, M. Yu. Antipin, and N. N. Krot</i>	6
Synthesis and Study of $\text{TiHB}^{\text{IV}}\text{UO}_6 \cdot n\text{H}_2\text{O}$ ($\text{B}^{\text{IV}} = \text{Si, Ge}$) <i>N. G. Chernorukov, A. V. Knyazev, T. A. Gur'eva, A. A. Sazonov, and D. V. Baranov</i>	11
Thermochemistry of Alkali Metal Uranomolybdates <i>E. V. Suleimanov, N. G. Chernorukov, and A. V. Golubev</i>	15
Heterogeneous Equilibria in the System Uranoborate $\text{M}^{\text{II}}(\text{BUO}_5)_2 \cdot n\text{H}_2\text{O}$ –Aqueous Solution ($\text{M}^{\text{II}} = \text{Mn, Co, Ni, Zn}$) <i>N. G. Chernorukov, A. V. Knyazev, V. O. Khomyakova, and O. V. Nipruk</i>	18
Potential of the Np(VI)/Np(V) Couple in Solutions of Various Alkalis <i>V. P. Shilov and A. B. Yusov</i>	24
Catalytic Decomposition of Organic Anions in Alkaline Radioactive Waste: II. Oxidation of <i>N</i> -(2-Hydroxyethyl)ethylenediaminetriacetate <i>A. V. Gogolev, V. P. Shilov, A. Yu. Garnov, and A. V. Anan'ev</i>	31
Catalytic Decomposition of Organic Anions in Alkaline Radioactive Waste: III. Oxidation of Oxalate and Glycolate <i>V. P. Shilov, A. Yu. Garnov, A. V. Gogolev, and A. V. Anan'ev</i>	36
Behavior of Ru and Pd under Conditions of Electrochemical Oxidative Dissolution with Ag(II) <i>G. P. Nikitina, P. J. W. Rance, M. Yu. Kirshin, A. A. Listopadov, V. A. Korolev, V. S. Shchukin, and S. A. Kokina</i>	41
Extraction of Rare-Earth Elements from Nitric Acid Solutions with Bis(dioctylphosphinylmethyl)phosphinic Acid <i>A. N. Turanov, V. K. Karandashev, A. N. Yarkevich, and Z. V. Safronova</i>	47
Extraction-Chromatographic Recovery of ^{90}Sr from Spent Nuclear Fuel <i>V. V. Shapovalov, V. V. Kanygin, A. G. Naryshkin, N. A. Nerozin, and E. Ya. Smetanin</i>	53
Radiation Resistance of a Series of Organophosphorus Extractants <i>M. V. Logunov, Yu. A. Voroshilov, N. P. Starovoitov, A. Yu. Shadrin, I. V. Smirnov, I. B. Kvasnitskii, I. G. Tananaev, B. F. Myasoedov, V. P. Morgalyuk, M. Kamiya, I. Koma, and T. Koyama</i>	55
Sorption of Np(V) on Kaolinite from Solutions of MgCl_2 and CaCl_2 <i>M. V. Mironenko, D. A. Malikov, Yu. M. Kulyako, and B. F. Myasoedov</i>	62
Sorption of Np(V) on Montmorillonite from Solutions of MgCl_2 and CaCl_2 <i>M. V. Mironenko, D. A. Malikov, Yu. M. Kulyako, and B. F. Myasoedov</i>	69
Coprecipitation of Pu(IV) with Fe(III) and Cr(III) Hydroxides from Nitrate–Acetate Solutions under Hydrothermal Conditions Simulating Deep Disposal of Liquid Radioactive Wastes <i>I. M. Kosareva, M. K. Savushkina, A. B. Yusov, A. M. Fedoseev, O. V. Isakova, V. A. Boldyrev, and V. I. Mishkevich</i>	75
Geoconcrete Monolith as Stable Matrix Material for Immobilization of Radioactive Wastes <i>E. E. Konovalov, N. G. Bogdanovich, S. N. Skomorokhova, M. P. Myshkovskii, D. L. Tyutyunnikov, E. M. Trifanova, and A. I. Lastov</i>	81

Treatment of Weakly Mineralized Natural Water to Remove Radioactive Contaminations Originating from Nuclear Power Installations <i>V. N. Epimakhov and V. V. Chetverikov</i>	85
Determination of ^{90}Sr , ^{238}Pu , $^{239,240}\text{Pu}$, ^{241}Pu , and ^{241}Am in Soils of Chernobyl Region Using Various Sample Preparation Techniques <i>V. N. Zabrodskii and Yu. I. Bondar'</i>	90
Joint Determination of ^{238}Pu , $^{239,240}\text{Pu}$, ^{241}Pu , and ^{90}Sr in Soil <i>V. N. Zabrodskii, Yu. I. Bondar', A. S. Komarovskaya, and V. N. Kalinin</i>	94
Effect of Humus Acids on Migration of Radiostrontium and Radiocesium in Valley Deposits of the Sozh River <i>V. A. Generalova and M. P. Onoshko</i>	99

Vol. 48, No. 2, 2006

Homogeneous Catalysis in Actinide Chemistry <i>A. V. Anan'ev and V. P. Shilov</i>	105
Reactivity of Platinum Nanoaggregates on Various Types of Supports in Catalytic Decomposition of Hydrazine in Acid Solutions <i>A. V. Anan'ev, M. Yu. Boltoeva, L. M. Sharygin, M. S. Grigor'ev, and V. P. Shilov</i>	119
Catalytic Reduction of Np(VI) with Formic Acid in the Presence of Platinum Nanoparticles <i>A. V. Anan'ev, V. P. Shilov, N. L. Sukhov, E. V. Abkhalimov, and B. G. Ershov</i>	125
Catalytic Decomposition of Organic Anions in Alkaline Radioactive Waste: IV. Oxidation of Glycolate with Persulfate in the Presence of Ru(III) <i>A. V. Anan'ev and V. P. Shilov</i>	133
Behavior of Pu(VI) and Np(VI) in Malonate Solutions <i>A. A. Bessonov, N. N. Krot, and M. S. Grigor'ev</i>	136
Influence of the Electrolysis Conditions and Composition of Electrolytes in the $\text{M}_2\text{WO}_4\text{--M}_2\text{W}_2\text{O}_7\text{--UO}_2\text{WO}_4$ System ($\text{M} = \text{Li, Na, K, Cs}$) on the Oxygen Coefficient of Uranium Oxide <i>V. K. Afonichkin, V. E. Komarov, and L. G. Khrustova</i>	141
$\text{NpO}_2^+ \text{--} \text{UO}_2^{2+}$ Cation-Cation Interaction in NaCl--KCl--CsCl and LiCl--KCl--CsCl Eutectic Melts <i>Yu. A. Barbanel', R. B. Dushin, V. V. Kolin, V. P. Kotlin, L. G. Mashirov, and S. N. Nekhoroshkov</i>	148
Liquid Phosphors $\text{POCl}_3\text{--TiCl}_4\text{--}^{235}\text{UO}_2^{2+}\text{--Nd}^{3+}$: 2. Nd^{3+} Luminescence Lifetime <i>G. V. Tikhonov</i>	152
Physical Chemistry of Barium Uranophosphate and Uranoarsenate <i>E. V. Suleimanov, N. G. Chernorukov, V. V. Veridusova, and O. V. Nipruk</i>	155
Physical Chemistry of Magnesium and Calcium Uranophosphate and Uranoarsenate $\text{A}^{\text{II}}(\text{B}^{\text{V}}\text{UO}_6)_2 \cdot n\text{H}_2\text{O}$ <i>E. V. Suleimanov, N. G. Chernorukov, and V. V. Veridusova</i>	159
Solubility of Uranoarsenates $\text{MAUO}_6 \cdot n\text{H}_2\text{O}$ in Water and Aqueous HClO_4 ($\text{M} = \text{H}^+, \text{Li}^+, \text{Na}^+, \text{K}^+, \text{Rb}^+, \text{Cs}^+, \text{NH}_4^+$) <i>N. G. Chernorukov, E. V. Suleimanov, O. V. Nipruk, and V. V. Veridusova</i>	162
Solubility of UO_2HPO_4 in Seawater <i>A. V. Savenko</i>	167
Control of the Extractive Power of Crown Ethers by Alkyl Substitution <i>V. V. Yakshin, O. M. Vilkova, N. A. Tsarenko, A. Yu. Tsivadze, S. V. Demin, and V. I. Zhilov</i>	170

Extraction Properties of Polyfunctional P,N-Containing Podands with Diphenylphosphorylacetylamide Terminal Groups in Nitric Acid Solutions <i>A. N. Turanov, V. K. Karandashev, and N. A. Bondarenko</i>	175
Extraction of Sc from Various Media with Triisoamyl Phosphate: 2. Extraction of Sc from Aqueous Perchloric and Hydrochloric Acid Solutions <i>G. V. Kostikova, N. A. Danilov, Yu. S. Krylov, G. V. Korpusov, and E. V. Sal'nikova</i>	181
Preparation of ^{237}U by $^{238}\text{U}(\gamma, n)$ Photonuclear Reaction on an Electron Accelerator, MT-25 Microtron <i>A. V. Sabel'nikov, O. D. Maslov, M. V. Gustova, A. G. Belov, and S. N. Dmitriev</i>	186
Preparation of ^{99}Mo and ^{99m}Tc by $^{100}\text{Mo}(\gamma, n)$ Photonuclear Reaction on an Electron Accelerator, MT-25 Microtron <i>A. V. Sabel'nikov, O. D. Maslov, L. G. Molokanova, M. V. Gustova, and S. N. Dmitriev</i>	191
Preparation of ^{225}Ac by $^{226}\text{Ra}(\gamma, n)$ Photonuclear Reaction on an Electron Accelerator, MT-25 Microtron <i>O. D. Maslov, A. V. Sabel'nikov, and S. N. Dmitriev</i>	195
Improvement of Precision Spectrophotometric Method with Internal Reference and Its Application to Analysis of Plutonium Solutions <i>A. V. Stepanov[†], D. A. Stepanov, S. A. Nikitina, T. D. Gogoleva, M. G. Grigor'eva, L. S. Bulyanitsa[†], Yu. A. Panteleev, M. V. Pen'kin, E. V. Pevtsova, and V. D. Domkin</i>	198
Aluminosilicophosphate Geoceramics as Matrices for the Immobilization of Partitioned ^{90}Sr and ^{137}Cs Wastes <i>R. V. Bogdanov and R. A. Kuznetsov</i>	204

Vol. 48, No. 3, 2006

Synthesis and Crystal Structure of a Uranyl Bichromate, $[\text{CH}_6\text{N}_3]_2[(\text{UO}_2)(\text{CrO}_4)(\text{Cr}_2\text{O}_7)](\text{H}_2\text{O})$ <i>S. V. Krivovichev, I. G. Tananaev, V. Kahlenberg, and B. F. Myasoedov</i>	213
Synthesis and Crystal Structure of a New Uranyl Selenite(IV)-Selenate(VI), $[\text{C}_5\text{H}_{14}\text{N}]_4[(\text{UO}_2)_3(\text{SeO}_4)_4(\text{HSeO}_3)(\text{H}_2\text{O})](\text{H}_2\text{SeO}_3)(\text{HSeO}_4)$ <i>S. V. Krivovichev, I. G. Tananaev, V. Kahlenberg, and B. F. Myasoedov</i>	217
Synthesis and Crystal Structure of Double Np(V) Cesium Oxalate $\text{CsNpO}_2\text{C}_2\text{O}_4 \cdot n\text{H}_2\text{O}$ <i>I. A. Charushnikova, N. N. Krot, and I. N. Polyakova</i>	223
Cesium Dizirconium Phosphate: Synthesis and Thermal Properties <i>E. A. Asabina, V. I. Pet'kov, V. N. Loshkarev, A. A. Rodionov, and D. B. Kitaev</i>	227
Americium and Plutonium in Trigonal Phosphates (NZP Type) $\text{Am}_{1/3}[\text{Zr}_2(\text{PO}_4)_3]$ and $\text{Pu}_{1/4}[\text{Zr}_2(\text{PO}_4)_3]$ <i>D. M. Bykov, A. I. Orlova, S. V. Tomilin, A. A. Lizin, and A. N. Lukinykh</i>	234
Thermodynamics of Calcium Uranosilicate <i>N. G. Chernorukov, A. V. Knyazev, M. S. Sheiman, S. S. Ponomarev, and T. A. Gur'eva</i>	240
Estimation of Solubility and Thermodynamic Characteristics of Solvation of Radon in Deuterated Water at 0.1 MPa and 278–318 K <i>E. V. Ivanov and V. K. Abrosimov</i>	244
Reduction of Neptunium(V) and Uranium(VI) with Iron(II) in Bicarbonate Solutions <i>A. V. Gogolev, E. V. Zakharova, N. I. Rodygina, A. M. Fedoseev, and V. P. Shilov</i>	249
Formation of Excited Uranyl Ion in Oxidation of U(IV) with Xenon Trioxide in Aqueous H_2SO_4 and HClO_4 Solutions: III. Kinetic Mode of Self-Accelerated Reaction <i>S. V. Lotnik, L. A. Khamidullina, and V. P. Kazakov</i>	254
Liquid Luminophores $\text{POCl}_3\text{-SiCl}_4\text{-}^{235}\text{UO}_2^{2+}\text{-Nd}^{3+}$ <i>G. V. Tikhonov and S. V. Kiselev</i>	261

Extraction of HNO_3 with Solutions of Zirconium Salt of Dibutyl Hydrogen Phosphate in 30% Tributyl Phosphate and in Xylene <i>O. V. Shmidt, B. Ya. Zilberman, Yu. S. Fedorov, D. N. Suglov, Yu. V. Palenik, L. G. Mashirov, E. N. Mishin[†], and G. R. Choppin</i>	267
Influence of Temperature on Phase Separation in the Ternary Systems [$\text{Th}(\text{NO}_3)_4(\text{TBP})_2$]-Decane-Third Organic Component <i>A. K. Pyartman, V. A. Keskinov, V. V. Lishchuk, and I. A. Spiridonova</i>	272
Extraction of Lanthanide(III) Nitrates with Composite Solid Extractants Based on a Polymeric Support Impregnated with Trialkylmethylammonium Nitrate or TBP <i>A. K. Pyartman, V. V. Lishchuk, and V. A. Keskinov</i>	279
Separation of U and Pu by Countercurrent Chromatography with Support-Free Liquid Stationary Phase in the TBP-White Spirit-Nitric Acid System <i>M. N. Litvina, D. A. Malikov, T. A. Maryutina, Yu. M. Kulyako, and B. F. Myasoedov</i>	284
Synthesis of Tritium-Labeled Semax <i>V. P. Shevchenko, I. Yu. Nagaev, L. Yu. Alfeeva, L. A. Andreeva, P. A. Klimova, K. V. Shevchenko, A. V. Malkin, and N. F. Myasoedov</i>	288
Synthesis of Tritium-Labeled Selank <i>V. P. Shevchenko, I. Yu. Nagaev, L. Yu. Alfeeva, L. A. Andreeva, K. V. Shevchenko, and N. F. Myasoedov</i>	296
Evolution of Composition and Properties of Radioactive Pulps in Long-Term Storage in Tanks <i>V. M. Ermolaev, E. V. Zakharova, M. V. Mironenko, S. N. Kalmykov, and I. E. Vlasova</i>	301
Radioactivity of Vanadium Ore: Radioecological Aspects <i>R. V. Bogdanov, A. G. Krivitskii, Yu. S. Polekhovskii, and N. V. Vinogradova</i>	307
Reconstruction of Discharge Rate and Distribution of Environmentally Significant Radionuclides in Techa River Aquatic System in 1949-1954 <i>Yu. G. Mokrov</i>	315

Vol. 48, No. 4, 2006

Synthesis and X-ray Diffraction Study of Intermetallic Compounds of Curium with Ruthenium <i>V. M. Radchenko, E. M. Pichuzhkina, M. A. Ryabinin, S. V. Tomilin, and V. G. Nagaitsev</i>	321
Synthesis and X-ray Diffraction Study of Intermetallic Compounds of Americium with Copper <i>A. M. Radchenko, E. M. Pichuzhkina, M. A. Ryabinin, S. V. Tomilin, V. G. Nagaitsev, and A. G. Yakovenko</i>	326
The Crystal-Chemical Principle in Designing Mineral-Like Phosphate Ceramics for Immobilization of Radioactive Waste <i>A. I. Orlova, V. A. Orlova, M. P. Orlova, D. M. Bykov, S. V. Stefanovskii, O. I. Stefanovskaya, and B. S. Nikonov</i>	330
Synthesis and Physicochemical Study of $\text{CsUO}_2(\text{VO}_3)_3$ <i>N. G. Chernorukov, A. V. Knyazev, M. G. Zhizhin, and E. N. Bulanov</i>	340
Thermodynamics of Lanthanum Uranosilicate <i>N. G. Chernorukov, A. V. Knyazev, M. S. Sheiman, S. S. Ponomarev, and T. A. Gur'eva</i>	344
Kinetics of Pu(IV) Reduction with <i>tert</i> -Butylhydrazine <i>V. S. Koltunov, V. G. Pastushchak, and G. V. Koltunov</i>	348
Isotope Effect in Photoreduction of ^{18}O -Enriched UO_2F_2 in an Isopropanol Solution <i>N. G. Gorshkov, I. N. Izosimov, S. V. Kolychev, V. V. Smirnov, and N. G. Firsin</i>	352

Speciation of Zr(IV) Radionuclides in Solutions <i>Yu. P. Davydov, D. Yu. Davydov, and L. M. Zemskova</i>	358
Speciation of Cr(III) Radionuclides in Solutions <i>Yu. P. Davydov, N. I. Voronik, D. Yu. Davydov, and A. S. Titov</i>	365
Extraction of Am and Eu with N,N'-Substituted Pyridine-2,6-dicarboxamides in Fluorinated Diluents <i>V. A. Babain, M. Yu. Alyapyshev, I. V. Smirnov, and A. Yu. Shadrin</i>	369
Extraction of Radionuclides from Aqueous HNO ₃ by Adducts of Complex Inorganic Acids with Monosubstituted Polyethylene Glycols <i>I. V. Smirnov and T. I. Efremova</i>	374
Recovery of Rare-Earth Elements from Nitric Acid Solutions by Fullerene Black Impregnated with Diphenyl(dibutylcarbamoylmethyl)phosphine Oxide <i>A. N. Turanov, V. K. Karandashev, A. N. Yarkevich, and Z. V. Safronova</i>	379
Sorption of Pu and Np on Chitin-Containing Materials from Strongly Alkaline Solutions <i>A. F. Seliverstov, S. V. Trifonova, I. G. Tananaev, B. G. Ershov, and B. F. Myasoedov</i>	384
Adsorption of Some Radionuclides from Their Aqueous Solutions Using Zirconium Molybdate Ion Exchanger <i>N. Tadros and E. Metwally</i>	387
Decontamination of Radioactive Waste Solutions Using Pottery <i>A. A. Helal, M. I. Ahmad, S. M. Khalifa, and H. F. Aly</i>	392
A Precision Spectrophotometric Method with Internal Referencing for Determining Fission Platinum and Other Metals: I. Palladium <i>M. G. Grigor'eva, S. A. Nikitina, T. D. Gogoleva, and Yu. A. Panteleev</i>	398
Physicochemical Characteristics and Radiation-Chemical Processes in the System PuO ₂ -Sorbed Water <i>M. V. Vladimirova</i>	403
Radiogenic ²³⁴ U and ²¹⁰ Po in Humus Acids of Dyctionemic Shale <i>R. V. Bogdanov, S. A. Timofeev, and S. S. Selivanov</i>	409
Interaction of Pesticides with Humic Compounds and Their Metal Complexes <i>A. A. Helal, D. M. Imam, S. M. Khalifa, and H. F. Aly</i>	419
Neonila Evgen'evna Brezhneva (to the Centenary of Her Birth) <i>A. A. Minaev, D. G. Kuznetsov, and B. G. Ershov</i>	426

Vol. 48, No. 5, 2006

Phases of Variable Composition in Crystallization of Cesium Phosphomolybdate <i>D. N. Bykhovskii, T. I. Kol'tsova, and M. A. Kuz'mina</i>	429
Thermodynamics of Ba ₂ Sm _{2/3} UO ₆ <i>A. V. Knyazev, N. G. Chernorukov, M. S. Sheiman, S. S. Ponomarev, and Yu. S. Sazhina</i>	434
Thermodynamics of Lutetium Uranosilicate <i>N. G. Chernorukov, A. V. Knyazev, M. S. Sheiman, S. S. Ponomarev, and T. A. Gur'eva</i>	437
Liquid Phosphors POCl ₃ -ZrCl ₄ - ²³⁵ UO ₂ ²⁺ -Nd ³⁺ <i>G. V. Tikhonov and S. V. Kiselev</i>	441
Photonics of UO ₂ ²⁺ Complexes with Tryptophan: I. Influence of Anions and Temperature on Intraspheic Deactivation of Excited States of UO ₂ ²⁺ and Tryptophan <i>V. P. Kazakov, S. S. Ostakhov, I. O. Osina, A. S. Alyab'ev, S. G. Gainetdinova, and G. Kh. Akhmadeeva</i>	447

Photonics of UO_2^{2+} Complexes with Tryptophan: 2. Competition of Electron Phototransfer from Higher Excited Electronic and Vibration-Rotation Levels of Tryptophan to UO_2^{2+} with Nonradiative Relaxation <i>V. P. Kazakov, S. S. Ostakhov, I. O. Osina, A. S. Alyab'ev, S. G. Gainetdinova, and G. Kh. Akhmadeeva</i>	452
Photonics of UO_2^{2+} Complexes with Tryptophan: 3. Oxidation of Tryptophan Photocatalyzed by UO_2^{2+} Ions <i>V. P. Kazakov, S. S. Ostakhov, I. O. Osina, A. S. Alyab'ev, I. F. Kavsarova, and G. Kh. Akhmadeeva</i>	456
Reaction of Metallic Uranium with NO_2 in TBP <i>E. P. Buchikhin, A. Yu. Kuznetsov, V. L. Vidanov, and V. V. Shatalov</i>	459
Kinetics of Nonequilibrium Extractive Separation of REEs <i>A. A. Kopyrin, M. A. Afonin, and A. A. Fomichev</i>	462
Extraction of Scandium from Various Media with Triisoamyl Phosphate: 3. Development of Extractive Refining of Scandium <i>G. V. Kostikova, N. A. Danilov, Yu. S. Krylov, G. V. Korpusov, and E. V. Sal'nikova</i>	467
Selective Binding of Ions of Uranium and of Transuranium and Rare-Earth Metals with Functionally Substituted Crown Ethers <i>V. V. Yakshin, G. A. Pribylova, L. I. Atamas', O. M. Vilkova, I. G. Tananaev, A. Yu. Tsivadze, and B. F. Myasoedov</i>	472
Solubility of Mixed-Valence U(IV-VI) and Np(IV-V) Hydroxides in Simulated Groundwater and 0.1 M NaClO_4 Solutions <i>S. A. Perevalov, Yu. M. Kulyako, B. F. Myasoedov, Ai. Fujiwara, and O. Tochiyama</i>	477
Coprecipitation of Neptunium(IV) and Plutonium(IV) with Hydrolyzed Iron(III) in Carbonate Solutions <i>S. I. Rovnyi, L. P. Sokhina[†], and L. V. Goncharuk</i>	482
Behavior of Plutonium(IV) and Neptunium(IV) at Acidification of Spent Carbonate Solutions Prior to Extraction <i>S. I. Rovnyi, L. P. Sokhina[†], and L. V. Goncharuk</i>	486
Behavior of Cs, Np(V), Pu(IV), and U(VI) in Pore Water of Bentonite <i>M. N. Sabodina, S. N. Kalmykov, K. A. Artem'eva, E. V. Zakharova, and Yu. A. Sapozhnikov</i>	488
Generation of ^{99}Mo on an IRT-T Reactor <i>V. A. Varlachev, A. I. Ryabchikov, E. S. Solodovnikov, and E. V. Chibisov</i>	493
Cyclotron Production and Radiochemical Isolation of the Therapeutical Radionuclide ^{186}Re <i>I. E. Alekseev and V. V. Lazarev</i>	497
Influence of the Nuclear History on the Transfer Rate of "Hot" Impurity ^{67}Ga Atoms in Zinc Metal Irradiated with Charged Particles <i>I. E. Alekseev and V. V. Lazarev</i>	501
Features of Positronium Migration in a Solid Containing Nanopores, by an Example of Sorption and Annihilation of Positrons in Vaterite <i>V. P. Shantarovich, S. S. Berdonosov, I. V. Znamenskaya, I. V. Melikhov, V. V. Gustov, and I. B. Kevdina</i>	505
Synthesis of 2-[^{18}F]Fluoro-L-tyrosine and Comparative Study of Its Uptake by Rat Glioma 35 Tumor and by Induced Inflammation Focus in Experimental Animals <i>O. S. Fedorova, O. F. Kuznetsova, I. K. Mosevich, S. V. Shatik, G. V. Kataeva, Yu. N. Belokon', and R. N. Krasikova</i>	509
Synthesis of Tritium-Labeled 2',3'-Dideoxy-2',3'-didehydrothymidine and 3'-Azidothymidine-5'-phosphamide <i>G. V. Sidorov and N. F. Myasoedov</i>	515
Isotope Exchange Reactions of <i>trans</i> -Zeatin with Tritium <i>G. V. Sidorov and N. F. Myasoedov</i>	517

Probability of the Reaction at the First Collision with Polyethylene of Tritium Atoms Generated by Thermal Activation

G. A. Badun, E. V. Mikhulina, and Z. A. Tyasto

520

Fuel at Upper Levels of the Destroyed Fourth Block of Chernobyl NPP. Refining the Formation Scenario of the Polychromatic Ceramics

E. M. Pazukhin, A. S. Lagumenko, V. A. Krasnov, and V. V. Bil'ko

522

Vol. 48, No. 6, 2006

Physicochemical Properties of Uranium in Lower Oxidation States

S. A. Kulyukhin, N. B. Mikheev, A. N. Kamenskaya, N. A. Konovalova, and I. A. Rumer

535

Geometric Isomerism of Layered Complexes of Uranyl Selenates: Synthesis and Structure of $(\text{H}_3\text{O})[\text{C}_5\text{H}_{14}\text{N}]_2[(\text{UO}_2)_3(\text{SeO}_4)_4(\text{HSeO}_4)(\text{H}_2\text{O})]$ and $(\text{H}_3\text{O})[\text{C}_5\text{H}_{14}\text{N}]_2[(\text{UO}_2)_3(\text{SeO}_4)_4(\text{HSeO}_4)(\text{H}_2\text{O})](\text{H}_2\text{O})$

S. V. Krivovichev, I. G. Tananaev, and B. F. Myasoedov

552

Lanthanides in Phosphates with the Structure of Whitlockite Mineral [Analog of $\beta\text{-Ca}_3(\text{PO}_4)_2$]

A. I. Orlova, M. P. Orlova, E. M. Solov'eva, E. E. Loginova, V. T. Demarin, G. N. Kazantsev, S. G. Samoilov, and S. V. Stefanovskii

561

Thermochemistry and Thermal Characteristics of $\text{Ba}_2\text{M}^{\text{II}}\text{UO}_6$ ($\text{M}^{\text{II}} = \text{Mg, Ca, Sr, Ba}$)

A. V. Knyazev, N. G. Chernorukov, M. G. Zhizhin, Yu. S. Sazhina, and A. V. Ershova

568

Oxidation of U(III) with Water in the Course of Precipitation of Its Solid Compounds from Aqueous Solutions

A. M. Fedoseev, A. B. Yusov, and V. F. Peretrushin

572

Extraction of Thorium with Tributyl Phosphate from Chloride Solutions

V. G. Maiorov, A. I. Nikolaev, O. P. Adkina, and G. B. Mazunina

576

Extraction and Sorption Preconcentration of U(VI), Am(III), and Pu(IV) from Nitric Acid Solutions with Alkylenediphosphine Dioxides

V. P. Morgalyuk, N. P. Molochnikova, G. V. Myasoedova, and I. G. Tananaev

580

Effects of EDTA and NTA on Sorption of U(VI) on the Clay Fraction of Soil

B. Yu. Kornilovich, G. N. Pshinko, and A. A. Bogolepov

584

Determination of ^{137}Cs in Seawater Under the Field Conditions

V. N. Kosyakov, A. N. Veleshko, and I. E. Veleshko

589

Distribution of ^{226}Ra and ^{232}Th on the Radium Production Waste Repository Site

I. I. Shuktomova and L. M. Noskova

593

Trends in Radiochemical Research: A Finnish View

J. Lehto

597

Separation of ^{236}Pu and ^{237}Pu Tracers from Weighable Amounts of Uranium and Neptunium Using Anion-Exchange Resin and TRU Resin

J. Aaltonen, E. A. Gromova, K. Helariutta, and V. A. Jakovlev

599

Training of Finnish Radiochemists in the Production of Short-Lived Transuranic Nuclides

E. A. Gromova, V. A. Jakovlev, J. Aaltonen, H. Ervanne, K. Helariutta, A. Lunden, S. Makkonen-Craig, O. Perhola, S. Salminen, and H. Tuovinen

603

Alpha/Beta Liquid Scintillation Spectrometry in Surveying Finnish Groundwater Samples

L. Salonen

606

Radiography and Local Microanalysis for Detection and Examination of Actinide-Containing Microparticles

I. E. Vlasova, S. N. Kalmykov, Yu. A. Sapozhnikov, S. G. Simakin, A. Yu. Anokhin, R. A. Aliev, and D. A. Tsarev

613

Artificial Radioactivity of the White Sea	
<i>R. A. Aliev, V. A. Bobrov, S. N. Kalmykov, A. P. Lisitsyn, M. S. Mel'gunov, A. N. Novigatskii, A. V. Travkina, and V. P. Shevchenko</i>	620
Artificial Radioactivity in Human Body and the Environment	
<i>T. Rahola, R. Saxen, E. Kostinen, and M. Puhakainen</i>	626
^{210}Po and ^{210}Pb in the Food Chain Lichen-Reindeer-Human	
<i>D. Solatie, M. Junttila, and P. Vesterbacka</i>	632
Author Index to Volume 48, 2006	634
Contents of Volume 48, 2006	638
